

L5 ANSWER 444 OF 575 CA COPYRIGHT 2004 ACS on STN  
 AN 99:57977 CA  
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 TI **Composition** based on **fly ash** used for  
 repairing holes in roads  
 IN Baryla, Jean Michel  
 PA Colas S. A., Fr.  
 SO Fr. Demande, 10 pp.  
 CODEN: FRXXBL  
 DT Patent  
 LA French  
 IC C04B013-10; E02D017-12  
 CC 58-4 (Cement, Concrete, and Related Building Materials)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	FR 2512440	A1	19830311	FR 1981-16942	19810907
	FR 2512440	B1	19841221		
PRAI	FR 1981-16942		19810907		

AB A compn. for filling holes in roads comprises dry aluminosilicate  
**fly ash** 85-94, **cement**, preferably class 45 or  
 55, 6-12, an activator, e.g., Na aluminate, CaSO<sub>4</sub>, phosphogypsum,  
**gypsum**, or red mud 0.5-3%, and **water** 30-60 wt.% of the  
 mixt. Thus, 4 .times. 4 .times. 16 cm sections of **fly**  
**ash, cement** type 45, CaSO<sub>4</sub>, and **water** had  
 flexural strength (2-7) .times. 105 Pa after 7 days in air or 2 days in  
 air and 5 days in **water**, and 10 cm diam., 20 cm long cylindrical  
 samples had compressive strengths >9 .times. 105, >11 .times. 105, >10  
 .times. 105, and >13 .times. 105Pa after 28 days in **water** and  
 air and 90 days in **water** and air, resp. and were resistant to  
 rutting, denting, and cracking.  
 ST pavement repairing compn **fly ash**  
 IT **Cement**  
 (in **fly ash** compn., for pavement repair)  
 IT Pavements and Roads